

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	72	(volker with hennige).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:49
S2	97	(christian with hying).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:49
S3	28	(gerhard with horpel).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:49
S4	14	S1 and S2 and S3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:49
S5	1	"20050014063"	DERWENT	ADJ	ON	2008/04/15 08:50
S6	12	(lie with shi).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:50
S7	1	"6475666".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:51
S8	498	shutdown and lithium battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:56
S9	27	S8 and nonwoven	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:56
S10	5	S9 and (@ad<="20020824" or @pd<="20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:56
S11	5	S10 and (inorganic or ceramic)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 08:57
S12	0	"9119326"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:04
S13	0	"91/19326"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:04
S14	1	"5091272".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:30
S15	0	S14 and (inorganic or ceramic)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:30

S16	1	"6495292".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:37
S17	1	"6620320".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:38
S18	1	"6511774".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:52
S19	1	S18 and (inorganic or ceramic)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/04/15 09:52
S20	1	"6495292".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:14
S21	0	S20 and shutdown	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:15
S22	0	S20 and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:16
S23	2	"20050014063"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:26
S24	48	nonwoven with coating with ceramic and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:34
S25	18	S24 and (@ad<= "20020824" or @pd<= "20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:35
S26	19	nonwoven with coating with ceramic and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:38
S27	3	S26 and (@ad<= "20020824" or @pd<= "20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:38
S28	21	nonwoven same coating with ceramic and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:39
S29	4	S28 and (@ad<= "20020824" or @pd<= "20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:39
S30	221	nonwoven with ceramic and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:40
S31	88	S30 and (@ad<= "20020824" or @pd<= "20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:40
S32	1	"6620320".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:41

S33	1	("6620320").URPN.	USPAT	ADJ	ON	2008/05/22 08:41
S34	34	nonwoven with inorganic near3 coating	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:48
S35	389169	"156" and (@ad<="20020824" or @pd<="20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:48
S36	23	S34 and (@ad<="20020824" or @pd<="20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:48
S37	0	separatir with inorganic near3 coating	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:49
S38	46	separator with inorganic near3 coating	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:49
S39	21	S38 and (@ad<="20020824" or @pd<="20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 08:49
S40	1	"6632561".pn. and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 09:32
S41	1	"6632561".pn. and (porosity or pore or porous)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 09:35
S42	3	CT3000SG with particle size	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 10:37
S43	4	CT3000SG with particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 10:38
S44	5	CT3000SG same particle size	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 10:42
S45	1	"6632561" and shutdown	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 11:10
S46	2	"6632561" and pore	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 11:10
S47	2	"6632561" and thickness	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 12:31
S48	1	"5091272".pn. and thick\$6	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 12:33
S49	0	"6632561" and wax	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/05/22 12:37
S50	5	immiscible.ti. and (fuel cell).ti.	DERWENT	ADJ	ON	2008/05/22 13:18

S51	33	balliet.in.	DERWENT	ADJ	ON	2008/05/22 13:19
S52	19	lillelund.in.	DERWENT	ADJ	ON	2008/05/22 14:03
S53	135	lillelund.in.	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:03
S54	0	S53 and food with presentation	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:03
S55	10	S53 and food	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:04
S56	9	d368834	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:04
S57	353	separator with immiscible	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:49
S58	18	separator with immiscible and hydrophilic and hydrophobic	USPAT; EPO; JPO	ADJ	ON	2008/05/22 14:51
S59	2	10/524145	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:32
S60	0	S59 and "120.deg.c"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:32
S61	1	(US-20050221165-\$).did.	US-PGPUB	ADJ	ON	2008/09/08 15:32
S62	0	S61 and "120.degree."	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:33
S63	0	S61 and "150.degree."	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:33
S64	0	S61 and "150.degree.\$"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:33
S65	0	S61 and "150.degree.?"?	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 15:34
S66	1	"6632561".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 16:21
S67	1	S66 and (melt or melting)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 16:22
S68	1	S66 and (polyolefin or olefin)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/08 16:22
S69	0	"6632561".pn. and bend\$10	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 14:15
S70	0	"6632561".pn. and flex\$8	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 14:16

S71	0	"6632561".pn. and mm	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 14:16
S72	1	"6620320".pn. and (bend\$8 or flex\$8)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 14:19
S73	0	"6632561".pn. and wax	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 14:41
S74	9	shutdown particles and particle size with (thick or thickness) and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 15:47
S75	1	"5091272".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 15:59
S76	8	("5091272").URPN.	USPAT	ADJ	ON	2008/09/09 16:03
S77	1	S76 and particle (size or diameter) with thick\$6	USPAT	ADJ	ON	2008/09/09 16:04
S78	2	S76 and particle (size or diameter) same thick\$6	USPAT	ADJ	ON	2008/09/09 16:09
S79	1	"6468684".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/17 09:55
S80	198	lithium near4 battery and (ceramic or inorganic) with (coat or coated or coating) same2 separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/23 07:34
S81	65	S80 and (@ad<= "20030708" or @pd<= "20030708")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/23 07:34
S82	51	S81 and (@ad<= "20020824" or @pd<= "20020824")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/23 07:35
S83	4	S82 and (shut?down or shutdown)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/23 07:36
S84	604	electrical connection interface	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 07:57
S85	113	S84 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 07:57
S86	0	(printed circuit board or PCB) with battery same interface	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:02
S87	7403	(printed circuit board or PCB) with battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:02
S88	0	(printed circuit board or PCB) with battery and electrical connection interface	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:02

S89	6	S84 and "307".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:03
S90	674	307/150.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:03
S91	289	S90 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:04
S92	1595	battery pack same3 (printed circuit board or PCB)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 08:08
S93	1	"6432586".pn. and por\$8	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/02/24 09:57
S94	2	10/524145	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/29 07:58
S95	1	(US-20050221165-\$).did.	US-PGPUB	ADJ	ON	2009/10/29 07:58
S96	0	S95 and ion-conducting	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/29 07:58
S97	0	S95 and ion conducting	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/29 07:58
S98	1	S95 and ion conduct\$5	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/29 07:58
S99	1	S95 and ion	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/29 07:59
S100	94	lithium near4 battery and separator with (ceramic or inorganic) near5 (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 12:54
S101	107	lithium near4 battery and separator same (ceramic or inorganic) near5 (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 13:06
S102	94	lithium near4 battery and separator with (ceramic or inorganic) near5 (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 13:06
S103	13	S101 not S102	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 13:06
S104	29	(non-aqueous or nonaqueous) near4 battery and separator same (ceramic or inorganic) near5 (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 13:15

S105	4	S104 not S101	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/10/30 13:15
S106	1	"20020182488".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 07:49
S107	1	"20020182488".pn. and inorganic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 08:09
S108	0	"20020182488".pn. and shutdown	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 08:23
S109	0	"20020182488".pn. and shut down	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 08:23
S110	26	(non-aqueous or nonaqueous or lithium) near4 battery and separator same (ceramic or inorganic) with (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 08:53
S111	156	(non-aqueous or nonaqueous or lithium) near4 battery and separator same (ceramic or inorganic) with (coating or coated)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 08:55
S112	1	08/601740	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:13
S113	0	"20010053475".pn. and protective with porous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:21
S114	1	"20010053475".pn. and (porous or pore)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:21
S115	1	"20010053475".pn. and (porous or pore) same (protective or inorganic)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:22
S116	0	"20010053475".pn. and shutdown	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:22
S117	0	"20010053475".pn. and shut down	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:22
S118	1	"20010053475".pn. and inorganic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:23
S119	1	"5643968".pn. and cross	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:40
S120	1	"5643968".pn. and crosslinki \$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 09:40

S121	1	"5194341".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 10:29
S122	1	"20010053475".pn. and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 10:38
S123	1	"20010053475".pn. and (aluminum or alumina)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 10:38
S124	1	"20010053475".pn. and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:10
S125	1	"20010053475".pn. and resist \$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:12
S126	1	"20010053475".pn. and conduct\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:12
S127	1	"20010053475".pn. and inorganic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:13
S128	1	"20010053475".pn. and (bend \$5 or flex\$5)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:18
S129	1	"20010053475".pn. and (non- woven or nonwoven)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:21
S130	1	"20010053475".pn. and aluminum	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:25
S131	1	"20010053475".pn. and aluminum with pigment	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:26
S132	1	"20010053475".pn. and aluminum same pigment	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:26
S133	1	"20010053475".pn. and (aluminum or alumina)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:26
S134	1	"20010053475".pn. and pore	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:27
S135	1	"20010053475".pn. and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:34
S136	1	"20010053475".pn. and ceramic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 11:34
S137	26	shutdown with inorganic and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 12:34

S138	35	shutdown same inorganic and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 12:35
S139	9	S138 not S137	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 12:35
S140	61	detect with electrolyte near4 leak\$6	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/02 12:57
S141	80	(volker with hennige).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:08
S142	107	(christian with hying).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:08
S143	33	(gerhard with horpel).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:08
S144	125	S141 or S142 or S143	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:08
S145	16	S144 and lithium.clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:08
S146	5	S144 and lithium.clm. and shutdown.clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/04 09:09

11/6/2009 8:11:36 AM

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